



PLANIX™ PX03 TEL 65SH

Composition

The Planix™ PX03 TEL 65SH is primarily composed of EPDM (Ethylene-Propylene Diene Monomer), belonging to the family of synthetic rubbers in group M according to the DIN/ISO 1629 classification. This composition imparts to the product thermal resistance, resistance to atmospheric agents, aging, and seawater, ensuring excellent resistance to ozone and thermal variations.

Characteristics

With an increased tensile strength of 7 MPa, the PX03 TEL 65SH stands out for enhanced robustness, ensuring greater resistance to mechanical stresses. The reduction in elongation at break to 300% indicates increased rigidity and resistance to elongation, making it suitable for situations requiring dimensional stability.

Applications

The increased tear resistance to 19 MPa highlights improved sealing and durability of the material, making the PX03 TEL 65SH ideal for applications requiring resistance to tearing stresses. Recommended for seals in contact with low-concentration acids and solvents, this product maintains high performance in adverse environmental conditions.

Tech Data

Properties	Unit	Value
Colour	--	Black
Specific gravity	g/cm ³	1,25 +/- 0,05
Tensile strenght	MPa	7,0
Elongation at break	%	300
Tear resistance	MPa	19
Hardness	Deegres	65 +/- 5 SH
Compression Set (22 hrs at 70°C)	%	35
Temperature	°C	-40 to 120
Dimensions		
Width (+/- 5%)	mm	1000 to 1500, related to the thickness
Lenght (+/- 5%)	m	1 to 10, related to the thickness
Thickness (+/- 5%)	mm	1 to 50



Planix™ PX03 TEL 65SH

The range of sheets and rolls for gaskets by Planix™ introduces the PX03 TEL 65SH model, an advanced option offering superior mechanical strength performance. This solution stands out within the range, combining various materials such as rubber, mica, thermal insulating cardboard, and GRE to meet specific industry needs.



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